

Tray Hydraulic Design -Questionnaire

(This Questionnaire is to be filled up for revamp of any tray column or design of a new Tray column)
 (Please send it on our fax no. 020-30216306) or courier us on our mailing address at Pune.

Customer	<input type="text"/>	Date	<input type="text"/>
Project	<input type="text"/>	Column No..	<input type="text"/>
Service	<input type="text"/>	Fouling Tendency	<input type="text"/>
		(high /low /moderate)	
Revamp/ New	<input type="text"/>	Tray numbering	<input type="text"/>
		(Top to bottom or bottom to top)	

Hydraulic Data for Tray	Units	Zone 1 (Tray no. ----- to Tray no. -----)			Zone 2 (Tray no. ----- to Tray No. -----)			Zone 3(Tray no. ----- to Tray No. -----)		
		Case-1	Case-2	Case-3	Case-1	Case-2	Case-3	Case-1	Case-2	Case-3
Case		Normal	Turn up	Turn down	Normal	Turn up	Turn down	Normal	Turn up	Turn down
Vapour										
Flow Rate	kg/hr									
Density	kg/m3									
Liquid										
Flow Rate	kg/hr									
Density	kg/m3									
Viscosity	cP									
Surface Tension	mN/m									
Foaming tendency										
System factor										
Max. DP allow.per tray	mbar									

In case the trays are existing or in case geometry of new trays is already fixed please give following information zone wise.

Mechanical Information	Zone 1	Zone 2	Zone 3
Column ID	MM		
No of Passes (1 pass, 2pass,4 pass)			
Down comer clearance MM			
Down comer width	MM		
	Top		
	Bottom		
Outlet weir height	MM		

Notes :

- 1) If it is a revamp case then it will be preferred that you send existing column drawing giving all Mechanical details like Nozzle size , nozzle orientation, Nozzle elevations .existing tray support ring and bolting bar details and any other details which are important from inside the column.
- 2) Tray numbering criteria should be clearly specified . Please confirm whether tray numbering is from top to bottom or bottom to top

Customer Signature /Name

Date



Sulzer India Ltd
 Sulzer House
 Baner Road, Aundh
 Pune India 411 007
 Telephone +91 020 3021 6300
 Telefax +91 020 3021 6306